

# Shane N. Grayson

## WORK EXPERIENCE:

Physical Science Labs, Las Cruces, NM.

Student Intern(Summer 2016 - Winter 2016)

- Worked directly with the Metric Analysis team in finding inconsistencies and/or abnormalities in the data generated by simulations that were being ran daily.
- We accomplished this through analyzing and re-analyzing metrics drawn against the Database using PostgreSQL queries designed from mathematical functions.

College of Education, Las Cruces, NM

Student Intern(Spring 2016 - Summer 2016)

- Was the lead Bibliographer for an accepted grant of \$2.5 million, proposed by the College of Education under Dr. Trujillo with school based outreach programs such as STEM.

## EDUCATION:

*New Mexico State University*, Las Cruces, NM.

Cumulative GPA: 3.3

Major GPA: 3.0

Bachelor of Science in Computer Science Expected Graduation: May 2019.

Bachelor of Art in English Graduated: May 2012.

### *Selected Course Work:*

- Linux and Unix Administration(Command Line, Shell, and Perl)
- Database Systems Management and Analysis(PostgreSQL, MySQL, PHP, and Java)
- Computer Architecture(MIPS, x86, and Atmel AVR)
- Data Structures and Algorithms(Java)
- Software Development(Android Studio, Java, and GitHub)
- Compilers(C, Lex, NASM, and YACC)
- Web Management and Applications(MySQL, HTML5, CSS5, PHP, JavaScript, and BootStrap)
- Operating Systems(Linux, Unix, and Windows)
- Machine based-languages(Atmel AVR, Assembly, Arduino, and C)
- Mathematical and Logical concepts(Vector Analysis and Discrete Mathematics)
- Technical and Professional Writing
- Professional and Business Communications
- Critical and Rhetorical Compositions

## LANGUAGES:

Programming and Coding: C(4 years), Java, C++, Python, Atmel AVR, MIPS, NASM, Shell, Perl, x86 Assembly(Arduino/C), PHP, HTML5, CSS5, JavaScript, BootStrap, Fortran, Ada, Lex, and YACC.

## ENVIRONMENTS:

Technologies and Environment: Linux(4 years), Windows(4 years), GitHub, MySQL Workbench, PostgreSQL, NetBeans, NotePad++, and Eclipse.